Serial No. 09/710,499
 22 Dec 2003 Reply to
 23 Oct 2003 Office Action

Amendments to the Drawings

The attached sheets of drawings replace the original sheets 2 and 4-9. These replacement sheets include changes to figures 3 and 5-10 as required by the draftsman and set forth on form PTO-948.

Attachment: Replacement Sheets 2 and 4 - 9



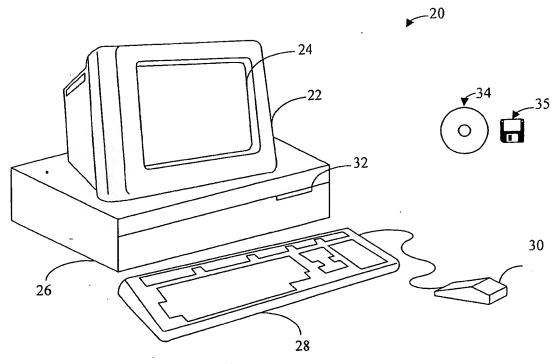


FIG. 2

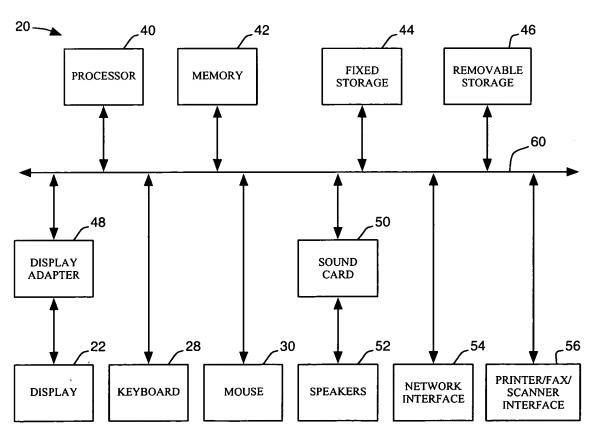


FIG. 3



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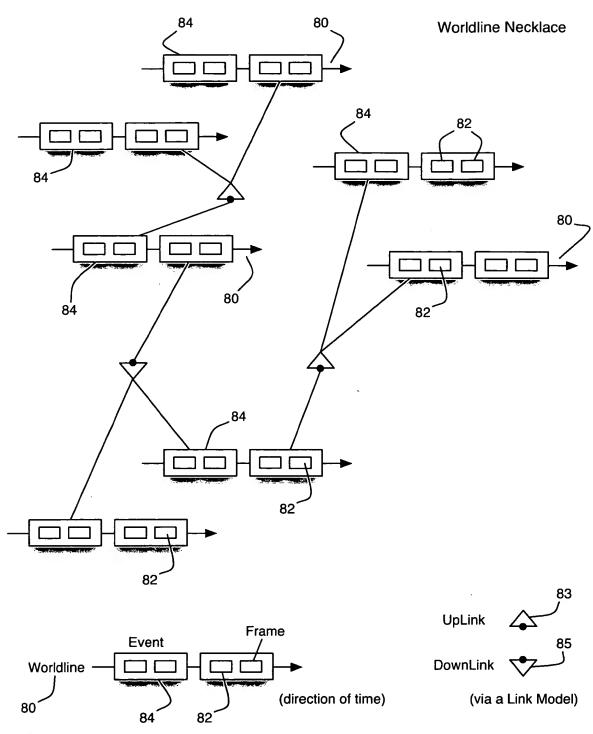


FIG. 5



Worldline Representational Model

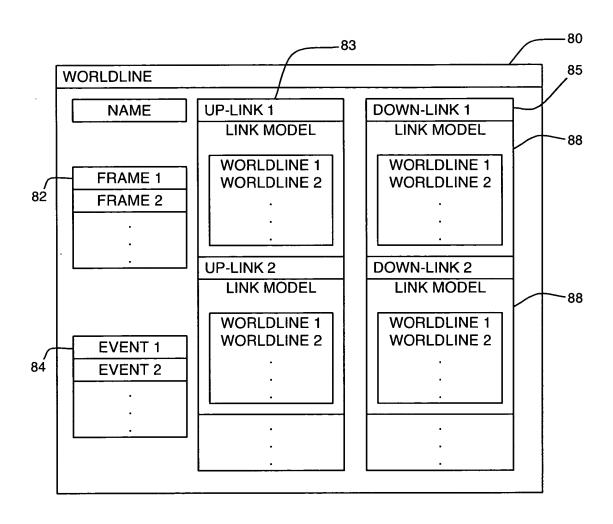


FIG. 6



FRAME

DATE

location in time, using some dating system e.g. year, month, day, hour in the Julian calendar

POSITION

a location in some 3D coordinate system e.g. longitude, latitude, altitude relative to the "Earth" worldline

EXTENSION

an indication of extent using some 3D shape type e.g. major axis, minor axis, and height for simple 3D shapes like boxes, ellipsoids, etc.

ORIENTATION

"attitude adjustment" within the 3D coordinate system e.g. heading, inclination, and rotation

ADDITIONAL DATA

arbitrary additional data, or pointer to additional data to provide more sophisticated imaging

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- 8	
 ✓ Eiffel, Alexandre-Gustave? Ĉ Uplinks (0) Ç Downlinks (1) ✓ Eiffel Tower 1889 - ✓ Liberty, Statue of 1886- ✓ Liberty (0) Ç Events (0) 	Martholdi, Frédéric-Auguste ? ① Uplinks (2) ※ existence of an individual (2) Malsace-Lorraine ? Malsa
↑ Liberty, Statue of 1886- ↑ Uplinks (4) ♣ Downlinks (0) ♣ Frames (2) ♦ Conceived 1865 - 1865 ↑ Uplinks (1) ♦ performance of an act/role (1) ↑ Laboulaye, Édouard de ? ♣ Downlinks (0)	\$\left\arrayce{\Phi}\$ Sub-Events (0) \$\rightarrow{\Delta}\$ Constructed 1874 - 1886 \$\int \text{ Uplinks (1)}\$ \$\left\arrayce{\Phi}\$ Performance of an act/role (3) \$\left\arrayce{\Phi}\$ Partholdi, Frédéric-Auguste ? \$\left\arrayce{\Phi}\$ Franco-American Union ? \$\left\arrayce{\Phi}\$ Copper ? \$\left\arrayce{\Phi}\$ Downlinks (0) \$\left\arrayce{\Phi}\$ Frames (2) \$\left\arrayce{\Phi}\$ Sub-Events (0) \$\left\arrayce{\Phi}\$ Sub-Events (0) \$\left\arrayce{\Phi}\$ Padde a Monument 1924 - 1924
	✓ Liberty Island (nee Bedloe's Island) ✓ Liberty, Statue of 1886- ✓ National Park Service? ✓ copper? ✓ national monument? ✓ sculptor? ✓ sculpture?

FIG. 8



₩orldliner Session	ح∯> Session Map
Browsers (1)	OD Viewer -95.000 °E/W -95.000 vr B.C./A.D. **Position 45.000 °N/S Date 1742.000 yr B.C./A.D. 1,825.000 mi from surface
Mindows (2) ♣ Session Map	
Albuquerque.hrml	
Worldlines (1) Albuquerque 1706 -	
① Uplinks (2)	
≪ existence of a geopolitical entity (1) ✓ city ?	
New Mexico ?	Morldlines (19)
Frames (1)	Albuquerque 1706 -Athens -1200 -
Date 1706.000 yr B.C./A.D. Shape cylinder	✓ Beirut -1500 -✓ Belgrade 650 -
File de	✓ Berlin 1440 - ✓ Boston 1706 -
	✓ Brussels 500 - ✓ Buenos Aires 1580 -
Major Axis 50.000 mi 	

FIG. 9



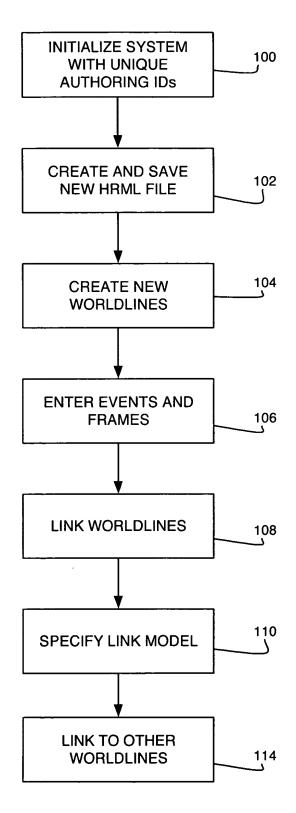


FIG. 10